Statement of Basis of the Federal Operating Permit

SI Group, Inc.

Site Name: SI Group Texas Operations
Area Name: Texas Operations
Physical Location: 702 FM 523 Rd
Nearest City: Freeport
County: Brazoria

Permit Number: O1431
Project Type: Renewal

The North American Industry Classification System (NAICS) Code: 325194
NAICS Name: Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document may include the following information:

A description of the facility/area process description;
A basis for applying permit shields;
A list of the federal regulatory applicability determinations;
A table listing the determination of applicable requirements;
A list of the New Source Review Requirements;
The rationale for periodic monitoring methods selected;
The rationale for compliance assurance methods selected;
A compliance status; and
A list of available unit attribute forms.

Prepared on: January 24, 2019

Operating Permit
Basis of Determination

Permit Area Process Description
SIG, a chemical manufacturing facility, operates eight alkylphenol production units for the production of a variety alkylated phenols. To produce alkylphenols, raw materials, like phenol and olefins, are fed into reactors. Crude intermediate products are removed from the reactors and fed into distillation columns for the separation of final products. The products are stored on-site in tanks and shipped off-site to customers via railcars, tank wagons, bulk containers, totes and drums.

FOPs at Site

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, NO_X

Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone
    - Permit Location
    - Permit Shield (30 TAC § 122.148)
- Attachments
    - Applicable Requirements Summary
        - Unit Summary
        - Applicable Requirements Summary
    - Additional Monitoring Requirements
    - Permit Shield
    - New Source Review Authorization References

    - Compliance Plan
    - Alternative Requirements
- Appendix A
    - Acronym list

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the “index number,” detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that

compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Stationary Vents subject to 30 TAC Chapter 111

All stationary vents subject to 30 TAC Chapter 111 are listed in the permit's Applicable Requirement Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	No
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	No
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes

Regulatory Program	Applicability (Yes/No)
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO_2 Trading Program)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the "Permit Shield" attachment of the permit.

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.

18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
EG-500	30 TAC Chapter 117, Subchapter B	R7ICI-5	RACT Date Placed in Service = After June 9, 1993 and on or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020 Functionally Identical Replacement = Unit is not a functionally identical replacement Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Natural gas	STANDARDS §§117.303(a), 117.303(a)(6) – Added these applicability citations to provide clarification and context to applicable requirement §117.303(a)(6)(D). RECORDKEEPING [G]§117.345(f)(6) – Ungrouped as all sub-citations are not applicable. §117.345(f)(6)(A) is not applicable since no exemption is being claimed based on fuel use or heat input. §117.345(f)(6) and (f)(6)(B) – Added since §117.345(f)(6) was ungrouped.
EG-500	40 CFR Part 60, Subpart JJJJ	60JJJJ-1	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006. Manufactured Date = Date of manufacture is on or after January 1, 2011. Displacement = Engine displacement is greater than or equal to 225cc. Test Cell = The SI ICE is not being tested at an engine test cell/stand. Certified = Purchased a certified SI ICE. Exemption = The SI ICE is not exempt. Operation = Operating and maintaining the certified SI ICE and control device according to manufacturer's written instructions. Temp Replacement = The SI ICE is not acting as a temporary replacement. Horsepower = Maximum engine power greater than or equal to 130 HP and less than 500 HP. Fuel = SI ICE that uses natural gas. Service = SI ICE is an emergency engine. Commencing = SI ICE that is commencing new construction.	STANDARDS [G]§60.4243(d) – Ungrouped since not all sub-citations are applicable. §60.4243(d)(2)(ii) and (iii) is not applicable since this engine is not utilized during the situations listed. §60.4243(d)(2)(i) – Added. This citation specifies the engine operating activities that are allowed. §60.4243(g) – Not applicable since 3-way catalyst / non-catalytic catalytic reduction are not utilized. MONITORING §60.4237(b) – Not applicable since engine meets standards for non-emergency engines. RECORDKEEPING §60.4245(a)(1) – Not applicable since no notifications are required. §60.4245(b) – Not applicable since engine meets standards for non-emergency engines. REPORTING §[G]60.4245(e) – Not applicable since this engine is not utilized during periods specified by §60.4243(d)(2)(ii) or (iii).
EG-500	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-5	HAP Source = Any stationary source of hazardous air pollutants that is not a major source as defined in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.	STANDARD §63.6590(c)(1) – This applicability citation was added because this is a new engine located at an area source.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
EG-500A	30 TAC Chapter 117, Subchapter B	R7ICI-5	RACT Date Placed in Service = After June 9, 1993 and on or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020 Functionally Identical Replacement = Unit is not a functionally identical replacement Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Natural gas	STANDARDS §§117.303(a), 117.303(a)(6) – Added these applicability citations to provide clarification and context to applicable requirement §117.303(a)(6)(D). RECORDKEEPING §[G]117.345(f)(6) – Ungrouped as all sub-citations are not applicable. §117.345(f)(6)(A) is not applicable since no exemption is being claimed based on fuel use or heat input. §117.345(f)(6) and (f)(6)(B) – Added since §117.345(f)(6) was ungrouped.
EG-500A	40 CFR Part 60, Subpart JJJJ	60JJJJ-1	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006. Manufactured Date = Date of manufacture is on or after January 1, 2011. Displacement = Engine displacement is greater than or equal to 225cc. Test Cell = The SI ICE is not being tested at an engine test cell/stand. Certified = Purchased a certified SI ICE. Exemption = The SI ICE is not exempt. Operation = Operating and maintaining the certified SI ICE and control device according to manufacturer's written instructions. Temp Replacement = The SI ICE is not acting as a temporary replacement. Horsepower = Maximum engine power greater than or equal to 130 HP and less than 500 HP. Fuel = SI ICE that uses natural gas. Service = SI ICE is an emergency engine. Commencing = SI ICE that is commencing new construction.	STANDARDS [G] §60.4243(d) – Ungrouped since not all sub-citations are applicable. § 60.4243(d)(2)(ii) and (iii) is not applicable since this engine is not utilized during the situations listed. §60.4243(d)(2)(i) – Added. This citation specifies the engine operating activities that are allowed. §60.4243(g) – Not applicable since 3-way catalyst / non-catalytic catalytic reduction are not utilized. MONITORING §60.4237(b) – Not applicable since engine meets standards for non-emergency engines. RECORDKEEPING §60.4245(a)(1) – Not applicable since no notifications are required. §60.4245(b) – Not applicable since engine meets standards for non-emergency engines. REPORTING §60.4245(e) – Not applicable since this engine is not utilized during periods specified by §60.4243(d)(2)(ii) or (iii).
EG-500A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-5	HAP Source = Any stationary source of hazardous air pollutants that is not a major source as defined in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.	STANDARD §63.6590(c)(1) – This applicability citation was added because this is a new engine located at an area source.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
J-517	30 TAC Chapter 117, Subchapter B	R7ICI-1	RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	STANDARDS §§117.303(a), 117.303(a)(6) – Added these applicability citations to provide clarification and context to applicable requirement §117.303(a)(6)(D). RECORDKEEPING [G] §117.345(f)(6) – Ungrouped as all sub-citations are not applicable. §117.345(f)(6)(A) is not applicable since no exemption is being claimed based on fuel use or heat input. §117.345(f)(6) and (f)(6)(B) – Added since §117.345(f)(6) was ungrouped.
J-517	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	HAP Source = Any stationary source of hazardous air pollutants that is not a major source as defined in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	STANDARDS §63.6625(e)(3) - Applicability citation added as it provides clarification for the engine type that is applicable to §63.6625(e). §63.6640(a) - Added this monitoring citation as a standard as it requires demonstration of compliance with work practice standards listed in Table 6. §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. §63.6640(f) – Added as this applicability citation is applicable to emergency engines. Clarifies run time limits. [G§]63.6640(f)(2) – Ungrouped as the engine is not utilized for the purposes defined by§ 63.6640(f)(2)(ii) or (f)(2)(iii). §63.6640(f)(2)(i)– Added due to ungrouping of §63.6640(f)(2). §63.6665– Added applicability citation because it references the applicable Subpart A requirements. MONITORING §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. RECORDKEEPING §63.6655(a) and (a)(1) - Removed since no notifications are required for this engine. §63.6655(e)(3) - Added applicability citation as it provides clarification for the engine type that is applicable to §63.6655(e) REPORTING §63.6640(b) and (e) - Not applicable since the engine is not subject to any emission or operating limitations.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
J-517A	30 TAC Chapter 117, Subchapter B	R7ICI-2a	RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	STANDARDS §§117.303(a), 117.303(a)(6) – Added these applicability citations to provide clarification and context to applicable requirement §117.303(a)(6)(D). RECORDKEEPING [G] §117.345(f)(6) – Ungrouped as all sub-citations are not applicable. §117.345(f)(6)(A) is not applicable since no exemption is being claimed based on fuel use or heat input. §117.345(f)(6) and (f)(6)(B) – Added since §117.345(f)(6) was ungrouped.
J-517A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-2a	HAP Source = Any stationary source of hazardous air pollutants that is not a major source as defined in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	STANDARDS §63.6625(e)(3) - Applicability citation added as it provides clarification for the engine type that is applicable to §63.6625(e). §63.6640(a) - Added this monitoring citation as a standard as it requires demonstration of compliance with work practice standards listed in Table 6. §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. §63.6640(f) – Added as this applicability citation is applicable to emergency engines. Clarifies run time limits. [G] §63.6640(f)(2) – Ungrouped as the engine is not utilized for the purposes defined by §63.6640(f)(2)(ii) or (f)(2)(iii). §63.6640(f)(2)(i)– Added due to ungrouping of §63.6640(f)(2). §63.6665– Added applicability citation because it references the applicable Subpart A requirements. MONITORING §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. RECORDKEEPING §63.6655(a) and (a)(1) - Removed since no notifications are required for this engine. §63.6655(e)(3) - Added applicability citation as it provides clarification for the engine type that is applicable to §63.6655(e) REPORTING §63.6640(b) and (e) - Not applicable since the engine is not subject to any emission or operating limitations.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
J-522A	30 TAC Chapter 117, Subchapter B	R7ICI-3a	RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	STANDARDS §§117.303(a), 117.303(a)(6) – Added these applicability citations to provide clarification and context to applicable requirement §117.303(a)(6)(D). RECORDKEEPING [G] §117.345(f)(6) – Ungrouped as all sub-citations are not applicable. §117.345(f)(6)(A) is not applicable since no exemption is being claimed based on fuel use or heat input. §117.345(f)(6) and (f)(6)(B) – Added since §117.345(f)(6) was ungrouped.
J-522A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-3a	HAP Source = Any stationary source of hazardous air pollutants that is not a major source as defined in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	STANDARDS §63.6625(e)(3) - Applicability citation added as it provides clarification for the engine type that is applicable to §63.6625(e). §63.6640(a) - Added this monitoring citation as a standard as it requires demonstration of compliance with work practice standards listed in Table 6. §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. §63.6640(f) – Added as this applicability citation is applicable to emergency engines. Clarifies run time limits. [G] §63.6640(f)(2) – Ungrouped as the engine is not utilized for the purposes defined by §63.6640(f)(2)(ii) or (f)(2)(iii). §63.6640(f)(2)(i)– Added due to ungrouping of §63.6640(f)(2). §63.6665– Added applicability citation because it references the applicable Subpart A requirements. MONITORING §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. RECORDKEEPING §63.6655(a) and (a)(1) - Removed since no notifications are required for this engine. §63.6655(e)(3) - Added applicability citation as it provides clarification for the engine type that is applicable to §63.6655(e) REPORTING §63.6640(b) and (e) - Not applicable since the engine is not subject to any emission or operating limitations.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
J-522B	30 TAC Chapter 117, Subchapter B	R7ICI-4a	RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	STANDARDS §§117.303(a), 117.303(a)(6) – Added these applicability citations to provide clarification and context to applicable requirement §117.303(a)(6)(D). RECORDKEEPING [G] §117.345(f)(6) – Ungrouped as all sub-citations are not applicable. §117.345(f)(6)(A) is not applicable since no exemption is being claimed based on fuel use or heat input. §117.345(f)(6) and (f)(6)(B) – Added since §117.345(f)(6) was ungrouped.
J-522B	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4a	HAP Source = Any stationary source of hazardous air pollutants that is not a major source as defined in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	STANDARDS §63.6625(e)(3) - Applicability citation added as it provides clarification for the engine type that is applicable to §63.6625(e). §63.6640(a) - Added this monitoring citation as a standard as it requires demonstration of compliance with work practice standards listed in Table 6. §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. §63.6640(f) – Added as this applicability citation is applicable to emergency engines. Clarifies run time limits. [G] §63.6640(f)(2) – Ungrouped as the engine is not utilized for the purposes defined by §63.6640(f)(2)(ii) or (f)(2)(iii). §63.6640(f)(2)(i)– Added due to ungrouping of §63.6640(f)(2). §63.6665– Added applicability citation because it references the applicable Subpart A requirements. MONITORING §63.6640(b) - Not applicable since the engine is not subject to and emission or operating limitations. RECORDKEEPING §63.6655(a) and (a)(1) - Removed since no notifications are required for this engine. §63.6655(e)(3) - Added applicability citation as it provides clarification for the engine type that is applicable to §63.6655(e) REPORTING §63.6640(b) and (e) - Not applicable since the engine is not subject to any emission or operating limitations.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-320	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-320	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-320A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-320A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-322A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-322A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-402	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
F-402	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	None
F-403	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-403	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-404	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-404	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-405	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-405	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) and less than or equal to 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
F-408	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-408	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-409	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-409	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-414	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-414	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-427	30 TAC Chapter 115, Storage of VOCs	R5112-1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare.
F-427	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-429	30 TAC Chapter 115, Storage of VOCs	R5112-2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-429	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-505	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-505	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-560	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
F-560	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-580	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-580	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-581	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-581	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-582	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-582	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-583	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-583	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-605	30 TAC Chapter 115, Storage of VOCs	R5112-3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-605	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-606	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-606	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-607	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-607	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-608	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-608	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-608A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-608A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-608B	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
F-608B	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-609	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-609	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-609A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-609A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-609B	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-609B	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-610	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-610	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	
F-611	30 TAC Chapter 115, Storage of VOCs	R5112-4	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-611	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-611A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-611A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None
F-612	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
F-612	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-612A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-612A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-612AA	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-612AA	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-612B	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-612B	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-612C	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-612C	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-612D	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-612D	40 CFR Part 60, Subpart Kb	60Kb-3a	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	STANDARDS §60.18(b) - This was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare. §60.112b(a) – This applicability citation was added because it provides clarification criteria and context to applicable requirement §60.112b(a)(3) MONITORING §60.116b(a) and (b) - Removed from monitoring as these citations are recordkeeping requirements.
F-613	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
F-615	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-615	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None
F-615A	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-615A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-616A	30 TAC Chapter 115, Storage of VOCs	R5112-5	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-616A	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-616B	30 TAC Chapter 115, Storage of VOCs	R5112-6	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-616B	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-617	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-617	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-618	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-618	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-619	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-619	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-620	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-620	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None
F-621	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-621	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-640	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-640	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-641	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-641	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-642	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-642	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
F-643	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
F-643	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-644	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-644	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-645	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-645	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-650	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons	
F-650	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-651	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-651	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-652	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-652	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-653	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-653	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
F-691	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-691	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-701	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-701	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) and less than or equal to 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	None
F-702	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-702	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-703	30 TAC Chapter 115, Storage of VOCs	R5112-7	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-703	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-704	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-704	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) and less than or equal to 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	None
F-705	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-705	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) and less than or equal to 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-706	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-706	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-707	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-707	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-708	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-708	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-709	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
F-709	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	None
F-713	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-713	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-718	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-718	40 CFR Part 60, Subpart Kb	60K	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-719	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-719	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
F-721	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-721	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-722	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-722	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-723	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-723	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-724	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
F-724	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-725	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-725	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-726	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-726	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-727	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-727	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-728	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-728	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-728	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	None
F-729	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-729	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-730	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-730	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-738	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-738	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-741	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-741	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-742	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-742	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	None
F-743	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-743	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid	
F-746	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-746	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-751	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-751	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-752	30 TAC Chapter 115, Storage of VOCs	R5112-8	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-752	40 CFR Part 60, Subpart Kb	60Kb-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia	STANDARDS §60.18(b) - This was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	§60.112b(a) - This applicability citation was added because it provides clarification criteria and context to applicable requirement §60.112b(a)(3) MONITORING §60.116b(a) and (b) - Removed from monitoring as these citations are recordkeeping
F-753	30 TAC Chapter 115, Storage of VOCs	R5112-9	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-753	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-754	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
F-754	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None
F-755	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
F-755	40 CFR Part 60, Subpart Kb	60kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	None
F-775	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-775	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-785	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-785	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-786	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-786	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
F-796	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-796	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None
F-797	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	None
F-797	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	None
F-798	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-798	40 CFR Part 60, Subpart Kb	60Kb-2	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)	STANDARDS §60.18(b) - This was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare. §60.112b(a) - This applicability citation was added because it provides clarification criteria and context to applicable requirement §60.112b(a)(3) MONITORING §60.116b(a) and (b) - Removed from monitoring as these citations are recordkeeping
F-799	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
F-799	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	None
F-832	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	None
WW003	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	None
WW003	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
F413LD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading less than 20,000 gallons per day.	None
F613LD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	None
F800LD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-3	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading less than 20,000 gallons per day.	None
GRP-LOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-4	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
LT004	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-5	Chapter 115 Control Device Type = Vapor control system with a flare. Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading greater than or equal to 20,000 gallons per day. Control Options = Vapor control system that maintains a control efficiency of at least 90%.	STANDARDS §60.18(b) - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
LT005	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-6	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading less than 20,000 gallons per day.	None
PUMPTKLD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-7	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	None
T04LD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-8	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure less than 0.5 psia.	
B-301	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to 1§17.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of 117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-401	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1)

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of 117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-501	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since 117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-601	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	§117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-602	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-603	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	§117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-604	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-690	30 TAC Chapter 112, Sulfur Compounds	R2112-1	Effective Stack Height = The effective stack height is equal to or greater than the standard effective stack height.	None
B-690	30 TAC Chapter 117, Subchapter B	R7ICI-11	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	Standards §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement. Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to 117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). 117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of 1§17.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-690	30 TAC Chapter 117, Subchapter B	R7ICI-11A	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement. Fuel Type #1 = Liquid NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	§Standards 117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §117.340(p) and §117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.335(a)(1)(B) - added as it clarifies that testing should occur for liquid-fired units as well as gas-fired units. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of 117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-701	30 TAC Chapter 117, Subchapter B	R7ICI-10	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.	Standards §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1).

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or before November 15, 1992 Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b)

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-778	30 TAC Chapter 117, Subchapter B	R7ICI-12	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement. Fuel Type #1 = Natural gas NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	Standards §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). §117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is not applicable because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-790	30 TAC Chapter 117, Subchapter B	R7ICI-13	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.	117.310(c) – Added since it provides additional clarification and specifies compliance alternatives 117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). 117.310(a)(8) and (a)(8)(A) – Added since it clarifies that the sub-citations are for process heaters other than pyrolysis reactors. 117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average RACT Date Placed in Service = After June 9, 1993 and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement. Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	117.310(a) and do not operate with a CEMS or PEMS. Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is N/A because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to 117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(ii) – Added since these citations clarify the units that are subject to the requirements of 117.340(a). [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(B) – Removed since unit not operated with a CEMS or PEMS. §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements §117.8010(2)(C) – Removed since unit does not operate with active NOx control equipment §117.8010(8) – Removed since unit does not operate with a CEMS or PEMS.
B-503	30 TAC Chapter 112, Sulfur Compounds	R2112-2	Fuel Type = Liquid fuel. Heat Input = Design heat input is less than or equal to 250 MMBtu/hr. Stack Height = The effective stack height is at least the standard effective stack height for each stack to which the unit routes emissions.	None
B-503	30 TAC Chapter 117, Subchapter B	R7ICI-20	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Natural gas. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	Standards §117.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is not applicable because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is not applicable because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of 117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. [G§]117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements
B-503	30 TAC Chapter 117, Subchapter B	R7ICI-21	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	Standards 1§17.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §117.310(a)(7) – Added since it specifies the NOx emission limit when firing liquid fuel §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Liquid fuel NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	§117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to 117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.335(a)(1)(B) – added as it clarifies that testing should occur for liquid-fired units as well as gas-fired units. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements
B-503	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	None
B-503	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = On or before June 19, 1984.	None
B-505	30 TAC Chapter 112, Sulfur Compounds	R2112-3	Fuel Type = Liquid fuel. Heat Input = Design heat input is less than or equal to 250 MMBtu/hr. Stack Height = The effective stack height is at least the standard effective stack height for each stack to which the unit routes emissions.	None
B-505	30 TAC Chapter 117, Subchapter B	R7ICI-20	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Natural gas. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	Standards §117.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §§117.340(p) and §117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is not applicable because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is not applicable because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of 117.340(a).

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. [G§]117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements
B-505	30 TAC Chapter 117, Subchapter B	R7ICI-21	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr.	Standards 1§17.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §117.310(a)(7) – Added since it specifies the NOx emission limit when firing liquid fuel §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Liquid fuel NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	§117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to 117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.335(a)(1)(B) – added as it clarifies that testing should occur for liquid-fired units as well as gas-fired units. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements
B-505	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	None
B-505	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	None
B-506	30 TAC Chapter 112, Sulfur Compounds	R2112-4	Fuel Type = Liquid fuel. Heat Input = Design heat input is less than or equal to 250 MMBtu/hr. Stack Height = The effective stack height is at least the standard effective stack height for each stack to which the unit routes emissions.	None
B-506	30 TAC Chapter 117, Subchapter B	R7ICI-20	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Natural gas. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	Standards §117.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §§117.340(p) and §117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is not applicable because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is not applicable because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1)

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of 117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. [G§]117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B-506	30 TAC Chapter 117, Subchapter B	R7ICI-21	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Liquid fuel NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	Standards 1§117.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §117.310(a)(7) – Added since it specifies the NOx emission limit when firing liquid fuel §§117.340(p) and 117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to §117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is N/A because the unit does not fire hydrogen fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to 117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.335(a)(1)(B) – added as it clarifies that testing should occur for liquid-fired units as well as gas-fired units. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of §117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. [G] §117.345(b) – Removed since §117.345(b)(2) is N/A §117.345(b) and (b)(1) – Added due to ungrouping of §117.345(b) §117.345(b)(2) – N/A since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements
B-506	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	None
B-506	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	None
B-507	30 TAC Chapter 117, Subchapter B	R7ICI-20	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. Fuel Type #1 = Natural gas. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average.	Standards §117.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §§117.340(p) and §117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable. §117.335(a)(1)(A) – is not applicable because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is not applicable because the unit does not fire liquid or solid fuel

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Reductions = No NO_x reduction.	§117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of 117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. [G§]117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements §§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B-507	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	None
B-507	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	None
B-507	40 CFR Part 60, Subpart Dc	60Dc-1	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. PM Monitoring Type = No particulate monitoring. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). SO2 Inlet Monitoring Type = No SO_2 monitoring. Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB. SO2 Outlet Monitoring Type = No SO_2 monitoring. Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). Technology Type = None. D-Series Fuel Type = Natural gas. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF.	REPORTING [G] §60.48c(a) – Ungrouped since not all sub-citations are applicable. 60.48c(a)(2) and 60.48c(a)(4) are not applicable since this unit is not utilized during the situations listed.
B-508	30 TAC Chapter 117, Subchapter B	R7ICI-20	NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. NOx Monitoring System = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.	Standards §117.310(a)(1) - Added since it provides clarification that the emission limit applies to gas-fired boilers. §§117.340(p) and §117.340(p)(2) - Added since it clarifies that the sub-citations are for units subject to 117.310(a) and do not operate with a CEMS or PEMS. §117.310(c) – Added since it provides additional clarification and specifies compliance alternatives §117.310(c)(3)(B) – Added since it adds clarification as to which units are not required to correct the CO concentration specified in paragraph (c)(1). Monitoring [G]§ 117.335(a)(1) – Removed since many of the subcitations are not applicable.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Type #1 = Natural gas. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction.	§117.335(a)(1)(A) – is not applicable because the unit does not fire hydrogen fuel §117.335(a)(1)(B) - is not applicable because the unit does not fire liquid or solid fuel §117.335(a) – Added since it clarifies that the sub-citations are for units that are subject to §117.310 must be tested under §117.335(a)(1) §117.335(a)(1) – Added since §117.335(a)(1) was ungrouped. §117.340(a)(1), (a)(1)(B) and (a)(1)(B)(i) – Added since these citations clarify the units that are subject to the requirements of 117.340(a). §117.340(l)(2) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(1) – Removed from monitoring as this citation is standard and is included in the column for standards. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. §117.340(p)(2)(C) – Removed as the monitoring requirements under §117.340(p)(2) are specified under (p)(2)(A) and (p)(2)(B). §117.340(p)(2)(C) is a standard. [G] §117.8120(2)(A) – Ungrouped since (2)(A)(ii) is not applicable. Unit not operated with a CEMS or PEMS. §117.8120(2)(A) – Added since §117.8120(2)(A) was ungrouped §117.8120(2)(A)(i) – Added since §117.8120(2)(A) was ungrouped Reporting §117.310(d)(2) – Added since it allows the owner/operator to petition for an alternative to the CO emission limits specified in §117.310(c) §117.335(b) - Removed from reporting as this citation is standard and is included in the column for standards. Also, the one sentence that can be considered as reporting is duplicative with the requirements of §117.8010(2)(A), which is in the permit as reporting. §117.340(p)(2) - Added since it clarifies that the sub-citations are for units that do not operate with a CEMS or PEMS. [G§]117.345(b) – Removed since §117.345(b)(2) is not applicable §117.345(b) and (b)(1) – Added due to ungrouping of 117.345(b) §117.345(b)(2) – Not applicable since the unit does not have a CEMS or PEMS. §117.354(a), [G](a)(1), (a)(2)-(4), (b) – Added applicable final control plan requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				§§117.356, 117.356(1), 117.356(3) - Added applicable final control plan revision requirements
B-508	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	None
B-508	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	None
B-508	40 CFR Part 60, Subpart Dc	60Dc-2	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. PM Monitoring Type = No particulate monitoring. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). SO2 Inlet Monitoring Type = No SO_2 monitoring. Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB. SO2 Outlet Monitoring Type = No SO_2 monitoring. Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). Technology Type = None. D-Series Fuel Type = Natural gas. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF.	REPORTING [G] §60.48c(a) – Ungrouped since not all sub-citations are applicable. 60.48c(a)(2) and 60.48c(a)(4) are not applicable since this unit is not utilized during the situations listed.
X-401	30 TAC Chapter 111, Visible Emissions	R1111-1	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	None
X-401	40 CFR Part 60, Subpart A	60A	Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18.	None
X-401	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
X-501	30 TAC Chapter 111, Visible Emissions	R1111-2	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	None
X-501	40 CFR Part 60, Subpart A	60A-1	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Air-assisted	None
X-601	30 TAC Chapter 111, Visible Emissions	R1111-3	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	None
X-601	40 CFR Part 60, Subpart A	60A	Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18.	None
X-601	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	None
X-602	30 TAC Chapter 111, Visible Emissions	R1111-4	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	None
X-602	40 CFR Part 60, Subpart A	60A-2	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Air-assisted	None
X-602	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	None
X-695	30 TAC Chapter 111, Visible Emissions	R1111-5	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	None
X-695	40 CFR Part 60, Subpart A	60A-3	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Air-assisted	
X-695	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	None
X-794	30 TAC Chapter 111, Visible Emissions	R1111-6	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	None
X-794	40 CFR Part 60, Subpart A	60A-4	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Air-assisted	None
X-794	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	None
F-1001	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352	Agitators = The fugitive unit contains agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. Compressor Seals = The fugitive unit contains compressor seals. Flanges = The fugitive unit contains flanges. Open-ended Valves = The fugitive unit contains open-ended valves. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Process Drains = The fugitive unit does not have process drains. Pump Seals = The fugitive unit contains pump seals. Rupture Disks = The fugitive unit has no pressure relief valves equipped with rupture disks. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an	STANDARDS §115.352(6) - This citation specifies that the monitoring frequency may be changed by the ED if it is determined that there are an excessive number of leaks. §115.352(10) - Not Applicable. HRVOC is not a raw material, intermediate, or final product. §115.357(2) –Applicable exemption for pressure relief devices, conservation vents, etc. §115.357(8) –Removed. Components not in ethylene, propane or propylene service. §115.357(9) –Removed from valves and open-ended valves/lines as the process does not have material that can autocatalytically polymerize or prevent a safety hazard if capped, plugged, or blind flanged. §115.357(9)(A) –Added. Clarifies equipment exempt from §115.352(4) as specified in §115.357(9). §115.357(12) – Exemption from monitoring for insulated components.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight. 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Complying with § 115.352(1) = Valves are complying with § 115.352(1). Complying WIth § 115.352(1) = Agitators are complying with § 115.352(1). Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit does not have reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Shaft Seal System = Pump seals are equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Shaft Seal System = Compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68° F = No agitators contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC <= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC <= 0.044 PSIA AT 68• ° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68• ° F = Compressor seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.	MONITORING [G] §115.354(7) - Removed from components in heavy liquid service. Applies only to components in gas/vapor or light liquid service. §115.354(1)(B) - Added applicable citation that adds clarification for difficult to monitor components §115.354(1)(C) - Added applicable citation that adds clarification for unsafe to monitor components §115.354(2)(A) - Added to compressors as it specifies that these valves are applicable to quarterly monitoring. §115.354(2)(B) - Added to pumps as it specifies that these valves are applicable to quarterly monitoring. §115.354(2)(D) - Added to accessible valves in gas/vapor/light liquid service as it specifies that these valves are applicable to quarterly monitoring. §115.354(2)(D) - Added to PRVs in gas/vapor service as it specifies that these PRVs are applicable to quarterly monitoring. §115.357(1) – Removed (from equipment in gas/vapor/light liquid service) exemption from monitoring for heavy liquid components. RECORDKEEPING [G] §115.356(2) - Removed from components in heavy liquid service since 115.356(2)(D) applies only to components in gas/vapor or light liquid service. §115.356(2)(A), (2)(B), (2)(C), [G](2)(E), (2)(F) – Added to components in heavy liquid service where [G] §115.356(2) was removed. [G] §115.356(3) - Added [G] to 115.356(3) as all sub-citations are applicable. REPORTING [G] §115.354(7) - Removed components in heavy liquid service. Applies only to components in gas/vapor or light liquid service.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).	
F-1001	40 CFR Part 60, Subpart VV	60VV-1	Closed Vent (or Vapor Collection) Systems = The fugitive unit does not contain closed vent or vapor collection systems. Compressors = The fugitive unit contains compressors. Enclosed Combustion Device = The fugitive unit does not contain enclosed combustion devices. Equipment in VOC Service = The fugitive unit contains equipment designed to operate in VOC service. Flare = The fugitive unit does not contain flares. Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit contains pressure relief devices in heavy or light liquid service. Produces Chemicals = The fugitive unit is part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489. Pumps in Heavy Liquid Service = The fugitive unit contains pumps in heavy liquid service. Sampling Connection Systems = The fugitive unit contains sampling connection systems. Valves in Gas/Vapor or Light Liquid Service = The fugitive unit contains valves in gas/vapor or light liquid service. Vapor Recovery System = The fugitive unit does not contain vapor recovery systems. 2.0% = The fugitive unit is not complying with an allowable percentage of valves leaking equal to or less than 2.0%. Affected Facility = The fugitive unit is part of a facility that is an affected facility as defined in 40 CFR § 60.480(a)(2). Equivalent Emission Limitation = No equivalent emission limitation is used for pressure relief devices in heavy or light liquid service. Vacuum Service = The fugitive unit does not contain equipment in vacuum service. Construction/Modification Date = After January 5, 1981 and on or before November 7, 2006. Equivalent Emission Limitation = No equivalent emission limitation is used for valves in gas/vapor or light liquid service. VOC Service = Fugitive unit does not contain equipment designed to operate in VOC service less than 300 hours per year. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VV. Complying with 40 CFR § 60.482-3 = Compressors are complying with § 60.482-3. Complying with 40 CFR § 60.482-5 = Sampling connection systems are complying with § 60.482-5.	STANDARDS §60.482-1(f)(1), (f)(2), [G](f)(3)- Removed. No dedicated batch units are operated less than 365 days/year §60.482-1(g) – Removed. No storage vessels assigned to multiple process units. §60.482-2(h) – Removed. The plant site is not an unmanned plant site. MONITORING §60.482-2(d)(5)(i) – Added monitoring requirement for pumps with dual seal systems. §60.482-3(e)(1) – Added monitoring requirement for compressor barrier fluid system. RECORDKEEPING §60.482-1(g) – Removed. No storage vessels assigned to multiple process units. [G] §60.486(f) – Ungrouped since there are no difficult to monitor valves present. §60.486(f)(1) – added due to ungrouping of §60.486(f).

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 40 CFR § 60.482-8 = Pumps in heavy liquid service are complying with § 60.482-8. Pumps in Light Liquid Service = The fugitive unit contains pumps in light liquid service. Complying with 40 CFR § 60.482-7 = Valves in gas/vapor or light liquid service are complying with § 60.482-7. Design Capacity = Site with a design capacity is greater than or equal to 1,000 Mg/yr. Equivalent Emission Limitation = No equivalent emission limitation is used for pumps in light liquid service. Flanges and Other Connectors = The fugitive unit contains flanges and other connectors. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor service. Valves in Heavy Liquid Service = The fugitive unit contains valves in heavy liquid service. Equivalent Emission Limitation = No equivalent emission limitation is used for open-ended valves or lines. Produces Heavy Liquid Chemicals = The facility produces chemicals other than or in addition to heavy liquid chemicals only from heavy liquid feed or raw materials. Beverage Alcohol Production = The facility does not produce only beverage alcohol. Complying with 40 CFR § 60.482-2 = Pumps in light liquid service are complying with § 60.482-2. Complying with 40 CFR § 60.482-6 = Open-ended valves or lines are complying with § 60.482-6. Complying with 40 CFR § 60.482-8 = Valves in heavy liquid service are complying with § 60.482-8.	
X-794CVS	40 CFR Part 60, Subpart VV	60VV-2a	Closed Vent (or Vapor Collection) Systems = The fugitive unit contains closed vent or vapor collection systems. Compressors = The fugitive unit does not contain compressors. Enclosed Combustion Device = The fugitive unit does not contain enclosed combustion devices. Equipment in VOC Service = The fugitive unit contains equipment designed to operate in VOC service. Flare = The fugitive unit contains flares. Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit does not contain pressure relief devices in heavy or light liquid service. Produces Chemicals = The fugitive unit is part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489. Pumps in Heavy Liquid Service = The fugitive unit does not contain pumps in heavy liquid service.	STANDARDS §60.482-1(g) – Removed. No storage vessels assigned to multiple process units. [G] §60.482-10(f)- Ungrouped since closed vent system is hard-piped. §60.18(b) - This was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare. MONITORING §60.482-10(f) and [G](f)(1)- Added since §60.482-10(f) was ungrouped. [G] §60.485(b)- Removed from Flare row since this is a monitoring requirement for the CVS.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Sampling Connection Systems = The fugitive unit does not contain sampling connection systems. Valves in Gas/Vapor or Light Liquid Service = The fugitive unit does not contain valves in gas/vapor or light liquid service. Vapor Recovery System = The fugitive unit does not contain vapor recovery systems. 2.0% = The fugitive unit is not complying with an allowable percentage of valves leaking equal to or less than 2.0%. Affected Facility = The fugitive unit is part of a facility that is an affected facility as defined in 40 CFR § 60.480(a)(2). Equivalent Emission Limitation = No equivalent emission limitation is used for closed vent or vapor collection systems. Vacuum Service = The fugitive unit does not contain equipment in vacuum service. Construction/Modification Date = After January 5, 1981 and on or before November 7, 2006. VOC Service = Fugitive unit does not contain equipment designed to operate in VOC service less than 300 hours per year. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VV. Complying with 40 CFR § 60.482-10 = Flares are complying with § 60.482-10. Pumps in Light Liquid Service = The fugitive unit does not contain pumps in light liquid service. Design Capacity = Site with a design capacity is greater than or equal to 1,000 Mg/yr. Flanges and Other Connectors = The fugitive unit does not contain flanges and other connectors. Open-ended Valves or Lines = The fugitive unit does not contain open-ended valves or lines. Pressure Relief Devices in Gas/Vapor Service = The fugitive unit does not contain pressure relief devices in gas/vapor service. Valves in Heavy Liquid Service = The fugitive unit does not contain valves in heavy liquid service. Produces Heavy Liquid Chemicals = The facility produces chemicals other than or in addition to heavy liquid chemicals only from heavy liquid feed or raw materials. Beverage Alcohol Production = The facility does not produce only beverage alcohol.	RECORDKEEPING §60.482-1(g) – Removed. No storage vessels assigned to multiple process units.
W-501	40 CFR Part 63, Subpart Q	63Q	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	None
W-502	40 CFR Part 63, Subpart Q	63Q	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
W-503	40 CFR Part 63, Subpart Q	63Q	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	None
W-503A	40 CFR Part 63, Subpart Q	63Q	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	None
F-530	30 TAC Chapter 115, Water Separation	R5131-1	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.	None
DC-501C	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	MONITORING [G] §115.125 - Ungrouped since [G] §115.125(3) is not applicable for this operating scenario. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.
DC-750	30 TAC Chapter 115, Vent Gas Controls	R5121-2	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	MONITORING [G] §115.125 - Ungrouped since [G] §115.125(3) is not applicable for this operating scenario. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.
DC-750	30 TAC Chapter 115, Vent Gas Controls	R5121-6	Alternate Control Requirement = Alternate control is not used.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
E-501	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-502	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-503	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
E-660	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-670	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-770	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-833	30 TAC Chapter 115, Vent Gas Controls	R5121-6	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
E-834	30 TAC Chapter 115, Vent Gas Controls	R5121-6	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-835	30 TAC Chapter 115, Vent Gas Controls	R5121-6	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
F-504	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G]115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-111STK	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	STANDARDS §111.111(a)(1)(G) - was added as a requirement for opacity readers
J-320	30 TAC Chapter 111, Visible Emissions	R1111-2	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is from colorless VOCs, non-fuming liquids, or other sources that are not capable of producing visible emissions. Periodic monitoring to demonstrate compliance is not required. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
J-320	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
J-321	30 TAC Chapter 111, Visible Emissions	R1111-2	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is from colorless VOCs, non-fuming liquids, or other sources that are not capable of producing visible emissions. Periodic monitoring to demonstrate compliance is not required. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
J-321	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
J-621	30 TAC Chapter 115, Vent Gas Controls	R5121-3	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare.
J-707	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare.
J-731	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
J-738	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	
J-739	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
J-820	30 TAC Chapter 111, Visible Emissions	R1111-2	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is from colorless VOCs, non-fuming liquids, or other sources that are not capable of producing visible emissions. Periodic monitoring to demonstrate compliance is not required. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
J-820	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
P3023	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
P3023	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
V-309	30 TAC Chapter 111, Visible Emissions	R1111-2	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is from colorless VOCs, non-fuming liquids, or other sources that are not capable of producing visible emissions. Periodic monitoring to demonstrate compliance is not required. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
V-309	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
V-310	30 TAC Chapter 111, Visible Emissions	R1111-2	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is from colorless VOCs, non-fuming liquids, or other sources that are not capable of producing visible emissions. Periodic monitoring to demonstrate compliance is not required. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
V-310	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
V-311	30 TAC Chapter 111, Visible Emissions	R1111-2	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is from colorless VOCs, non-fuming liquids, or other sources that are not capable of producing visible emissions. Periodic monitoring to demonstrate compliance is not required. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	None
V-311	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv. 40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. 40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
V-401	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
V-402	30 TAC Chapter 115, Vent Gas Controls	R5121-4	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.	STANDARDS §60.18(b) - This citation was deleted because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
V-603	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.
V-605	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
V-606	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.
V-607	30 TAC Chapter 115, Vent Gas Controls	R5121-9	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	MONITORING [G] §115.125 – Ungrouped since performance requirements for flares and vapor combustors are not conducted. [G] §115.125(3) is applicable only if a flare or vapor combustor is utilized to control the stream.
DEGREASE	30 TAC Chapter 115, Degreasing Processes	R5412-1	Solvent Degreasing Machine Type = Cold solvent cleaning machine. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested. Solvent Sprayed = No solvent is sprayed.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Solvent Vapor Pressure = Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit. Solvent Heated = The solvent is not heated to a temperature greater than 120° F. Parts Larger than Drainage = No cleaned parts for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Drainage Area = Area is less than 16 square inches. Disposal in Enclosed Containers = Waste solvent is properly disposed of in enclosed containers.	
E-501	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-501	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-502	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-502	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
E-503	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-503	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-660	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-670	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-705	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-705	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-707	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-707	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
E-708	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-708	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare
E-709	40 CFR Part 60, Subpart NNN	60NNN-1	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
E-709	40 CFR Part 60, Subpart NNN	60NNN-2	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. Construction/Modification Date = After December 30, 1983. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20	STANDARDS §60.18 - This citation was removed because it applies to the flares controlling the affected sources. This citation is already shown on each affected flare

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Flare. Vent Type = A single distillation unit discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.	
GRP-DIST	40 CFR Part 60, Subpart NNN	60NNN-3	Subpart NNN Chemicals = The distillation unit does not produce any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.	None
PROPAINT	30 TAC Chapter 115, Surface Coating Operations	R5421-1	Alternate Requirements = No alternate requirement to 30 TAC §§ 115.421(a)(9) or 115.421(b)(8) has been approved or no alternate has been requested. Alternative Compliance Method = No alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria has been approved by the TCEQ Executive Director or no such alternate has been requested. Facility Operations = Other miscellaneous metal parts and products coating. Miscellaneous Coating Type = Extreme performance coating, including chemical milling maskants. Maintenance Shop = Recoating used miscellaneous metal parts and products at an on-site maintenance shop that began operations before January 1, 2012. VOC Emission Rate = Other uncontrolled emission rates. Vapor Recovery = No vapor recovery system is used to control emissions.	STANDARDS §§115.427(3)(D), 115.427(9) – were added as exemption criteria from this division
DC-501A	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-501A	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
DC-501B	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-501B	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-502A	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-502A	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-502B	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-502B	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater. Construction/Modification Date = After June 29, 1990. Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	
DC-651	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-652	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-701A	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-701A	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	
DC-701B	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-701B	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-701C	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-701C	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-702A	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-702A	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	
DC-702B	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-702B	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
DC-702C	40 CFR Part 60, Subpart RRR	60RRR-1	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None
DC-702C	40 CFR Part 60, Subpart RRR	60RRR-2	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Reactor process not discharging its vent stream into a recovery system. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN and has no other releases to the air except for a pressure relief valve.	None
GRP-REACT	40 CFR Part 60, Subpart RRR	60RRR-3	Chemicals Listed in 40 CFR § 60.707 = The affected facility is not part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.	None

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
PRO-PLT3	30 TAC Chapter 115, Batch Processes	R5160-1	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents greater than the levels specified in 30 TAC § 115.167(2)(A). Single Unit Annual Mass Emissions = All single unit operations in the batch process operation have total annual mass emissions greater than 500 lbs/yr. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement demonstrating and documenting compliance or no alternate requirement has been requested. Aggregate Flow Rate = The actual average flow rate from the batch process vent streams, in aggregate, is greater than the calculated flow rate using the applicable RACT equation. Control Device = Flare.	STANDARDS §115.162(1)(A), (1)(B) – Deleted since source is classified as “High volatility”, therefore these are not applicable. §115.162(2), (2)(C), (2)(D), (2)(E), (2)(F) – Deleted. These citations outline the procedure to successively rank aggregated streams to determine the streams that are required to be controlled to achieve the required 90% control. Since SI already controls all of the affected streams in a flare that achieves greater than 90%, this requirement is extraneous and not applicable. §60.18(b) - This applies to the flares controlling the affected sources. This citation is already shown on flares X-601, X-401, and X-791 as required.
PRO-PLT4	30 TAC Chapter 115, Batch Processes	R5160-1	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents greater than the levels specified in 30 TAC § 115.167(2)(A). Single Unit Annual Mass Emissions = All single unit operations in the batch process operation have total annual mass emissions greater than 500 lbs/yr. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement demonstrating and documenting compliance or no alternate requirement has been requested. Aggregate Flow Rate = The actual average flow rate from the batch process vent streams, in aggregate, is greater than the calculated flow rate using the applicable RACT equation. Control Device = Flare.	STANDARDS §115.162(1)(A), (1)(B) – Deleted since source is classified as “High volatility”, therefore these are not applicable. §115.162(2), (2)(C), (2)(D), (2)(E), (2)(F) – Deleted. These citations outline the procedure to successively rank aggregated streams to determine the streams that are required to be controlled to achieve the required 90% control. Since SI already controls all of the affected streams in a flare that achieves greater than 90%, this requirement is extraneous and not applicable. §60.18(b) - This applies to the flares controlling the affected sources. This citation is already shown on flares X-601, X-401, and X-791 as required.
PRO-PLT8	30 TAC Chapter 115, Batch Processes	R5160-1	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents greater than the levels specified in 30 TAC § 115.167(2)(A). Single Unit Annual Mass Emissions = All single unit operations in the batch process operation have total annual mass emissions greater than 500 lbs/yr. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement demonstrating and documenting compliance or no alternate requirement has been requested. Aggregate Flow Rate = The actual average flow rate from the batch process vent streams, in aggregate, is greater than the calculated flow rate using the applicable RACT equation. Control Device = Flare.	STANDARDS §115.162(1)(A), (1)(B) – Deleted since source is classified as “High volatility”, therefore these are not applicable. §115.162(2), (2)(C), (2)(D), (2)(E), (2)(F) – Deleted. These citations outline the procedure to successively rank aggregated streams to determine the streams that are required to be controlled to achieve the required 90% control. Since SI already controls all of the affected streams in a flare that achieves greater than 90%, this requirement is extraneous and not applicable. §60.18(b) - This applies to the flares controlling the affected sources. This citation is already shown on flares X-601, X-401, and X-791 as required.

* - The “unit attributes” or operating conditions that determine what requirements apply
** - Notes changes made to the automated results from the DSS, and a brief explanation why

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. In addition, many of the permits are accessible online through the link provided below. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. Registrations submitted by permittees are also available online through the link provided below. The following table specifies the permits by rule that apply to the site.

The status of air permits, applications, and Permits by Rule (PBR) registrations may be found by performing the appropriate search of the databases located at the following website:

www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

Details on how to search the databases are available in the **Obtaining Permit Documents** section below.

New Source Review Authorization References

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 139407	Issuance Date: 10/27/2017
Authorization No.: 2341	Issuance Date: 06/29/2018
Authorization No.: 84092	Issuance Date: 03/28/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 07/08/1998
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 03/14/1997
Number: 106.511	Version No./Date: 09/04/2000

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Periodic Monitoring:

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information	
ID No.: B-503	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-2
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Change in type of liquid fuel combusted	
Minimum Frequency: Within 24 hours of changing to a different liquid fuel	
Averaging Period: N/A	
Deviation Limit: Failure to sample within 24 hours, 3-hour average SO_2 emissions greater than 440 ppmv.	
Basis of monitoring: A common way to determine SO_2 emissions is by determining the amount (percentage) of sulfur in fuel combusted by an emission unit. This quantity along with stack flow rate and quantity of fuel combusted may be used to calculate the amount of SO_2 emitted to the atmosphere.	

Unit/Group/Process Information	
ID No.: B-505	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-3
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Change in type of liquid fuel combusted	
Minimum Frequency: Within 24 hours of changing to a different liquid fuel	
Averaging Period: N/A	
Deviation Limit: Failure to sample within 24 hours, 3-hour average SO_2 emissions greater than 440 ppmv.	
Basis of monitoring: A common way to determine SO_2 emissions is by determining the amount (percentage) of sulfur in fuel combusted by an emission unit. This quantity along with stack flow rate and quantity of fuel combusted may be used to calculate the amount of SO_2 emitted to the atmosphere.	

Unit/Group/Process Information	
ID No.: B-506	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-4
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Change in type of liquid fuel combusted	
Minimum Frequency: Within 24 hours of changing to a different liquid fuel	
Averaging Period: N/A	
Deviation Limit: Failure to sample within 24 hours, 3-hour average SO_2 emissions greater than 440 ppmv.	
Basis of monitoring: A common way to determine SO_2 emissions is by determining the amount (percentage) of sulfur in fuel combusted by an emission unit. This quantity along with stack flow rate and quantity of fuel combusted may be used to calculate the amount of SO_2 emitted to the atmosphere.	

Unit/Group/Process Information	
ID No.: B-690	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-1
Pollutant: SO_2	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Change in type of liquid fuel combusted	
Minimum Frequency: Within 24 hours of changing to a different liquid fuel	
Averaging Period: N/A	
Deviation Limit: Failure to sample within 24 hours, 3-hour average SO_2 emissions greater than 440 ppmv.	
Basis of monitoring: A common way to determine SO_2 emissions is by determining the amount (percentage) of sulfur in fuel combusted by an emission unit. This quantity along with stack flow rate and quantity of fuel combusted may be used to calculate the amount of SO_2 emitted to the atmosphere.	

Unit/Group/Process Information	
ID No.: DC-750	
Control Device ID No.: B-790	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Vent gas stream diverted from heater (and not routed to flare X-794).	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Failure to introduce the vent gas stream into the flame zone or with the primary fuel.	
Basis of monitoring: A common way to control VOC emissions is to route emissions to a boiler or process heater. It is only necessary to document the period of operation of the control equipment. Monitoring the period of operation of a boiler/process heater is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: DC-750	
Control Device ID No.: B-790	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is less than 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: All periods that are not recorded while the vent gas stream is routed to the process heater.	
Basis of monitoring: A common way to control VOC emissions is to route emissions to a boiler or process heater. It is only necessary to document the period of operation of the control equipment. Monitoring the period of operation of a boiler/process heater is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: DEGREASE	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Any monitoring data indicating non-compliance with 115.412(1)(A)-(F) shall be reported as a deviation.	
Basis of monitoring: The monitoring option to cover cold cleaner or the open-top vapor cleaner was included in the EPA “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. In addition to covering the cleaner records of monthly inspections of equipment is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: GRP-111STK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if opacity exceeds 20 %.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: P3023	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: PM (Opacity)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: Once per quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if opacity exceeds 20 %.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Obtaining Permit Documents

The New Source Review Authorization References table in the FOP specifies all NSR authorizations that apply at the permit area covered by the FOP. Individual NSR permitting files are located in the TCEQ Central File Room (TCEQ Main Campus located at 12100 Park 35 Circle, Austin, Texas, 78753, Building E, Room 103). They can also be obtained electronically from TCEQ's Central File Room Online (https://www.tceq.texas.gov/goto/cfr-online). Guidance documents that describe how to search electronic records, including Permits by Rule (PBRs) or NSR permits incorporated by reference into an FOP, archived in the Central File Room server are available at https://www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

All current PBRs are contained in Chapter 106 and can be viewed at the following website:

https://www.tceq.texas.gov/permitting/air/permitbyrule/air_pbr_index.html

Previous versions of 30 TAC Chapter 106 PBRs may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Historical Standard Exemption lists may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Additional information concerning PBRs is available on the TCEQ website:

https://www.tceq.texas.gov/permitting/air/nav/air_pbr.html

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on March 8, 2018.
   Site rating: 0.12 / Satisfactory Company rating: 0.06 / High
   (High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)
2. Has the permit changed on the basis of the compliance history or site/company rating? .....No

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS? .....No
2. Is a compliance plan and schedule included in the permit? .....No

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes

OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes